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| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED / ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371 |   | ATTORNEY'S DOCKET NUMBER<br><b>P70551US0</b>                     |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/EP03/013730</b>  | INTERNATIONAL FILING DATE<br><b>4 December 2003</b> | US APPLICATION NO. (If known) See 37 CFR 1.1<br><b>107540110</b> |
| PRIORITY DATE CLAIMED<br><b>19 December 2002</b>   |   |  |
| TITLE OF INVENTION<br><b>METHOD AND DEVICE FOR DETERMINING THE BLOOD FLOW IN A BLOOD-CONDUCTING TUBE</b>                     |   |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Matthias KRAEMER</b>   |   |  |

**Applicant herein submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.**

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for Internatl. Preliminary Examination was made by the 19th month from earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is hereby incorporated by reference and
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US)
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  A translation of the annexes to the Internatl. Preliminary Examination report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
  - A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information:

International Search Report  
 PCT/IB/304 Form  
 First Page of Publication  
 International Preliminary Examination Report - with no annexes

107540110

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JC17 Rec'd PTO/ETAC 20 JUN 2005

CALCULATIONS

PTO USE

ONLY

17.  The following fees are submitted:

a) Basic national fee ..... \$300.00  
 b) Examination fee ..... \$200.00  
 c) Search fee ..... \$500.00

**TOTAL OF ABOVE CALCULATIONS = \$1000.00**

\$1000.00

Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

| Total Sheets    | Extra Sheets | Number of each additional 50 or fraction Thereof (round up to a whole number) | Rate     |    |
|-----------------|--------------|---|----------|----|
| *** - 100 = *** | ***/50 =     | ****  | x 250.00 | \$ |

Surcharge of \$130.00 for furnishing the oath or declaration later than

20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

| Claims                                      | Number Filed | Number Extra | Rate       |           |
|---|--------------|--------------|------------|-----------|
| Total Claims                                | 24 - 20 =    | -4-          | x \$50.00  | \$ 200.00 |
| Independent Claims                          | 2 - 3 =      | -0-          | x \$200.00 | \$        |
| Multiple Dependent Claim(s) (if applicable) |              |              | +\$360.00  | \$        |

**TOTAL OF ABOVE CALCULATIONS = \$ 1200.00**

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

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**SUBTOTAL = \$ 1200.00**

Processing fee of \$130 for furnishing the English translation later than

20  30 months from the earliest claimed priority date (37 CFR 1.492(f)).

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**TOTAL NATIONAL FEE = \$ 1200.00**

Fee of \$40.00 for recording the enclosed assignment (37 CFR 1.21(h)).

Assignment must be accompanied by appropriate cover sheet (37 CFR 3.28, 3.31).

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**TOTAL FEES ENCLOSED = \$ 1200.00**

- a.  A Credit Card Payment Form authorizing the amount of \$ 1200.00 to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 06-1358 in the amount of \$        to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge my account any additional fees set forth in §1.492 during the pendency of this application, or credit any overpayment to Deposit Account No. 06-1358. A duplicate copy of this sheet is enclosed.

SEND ALL CORRESPONDENCE TO:

JACOBSON HOLMAN PLLC  
 400 7th Street, N.W., Suite 600  
 Washington, DC 20004  
 202-638-6666

**CUSTOMER NUMBER: 00136**

By Jonathan L. Ahern Jr. Reg. No. 20,851  
 Harvey B. Jacobson, Jr.